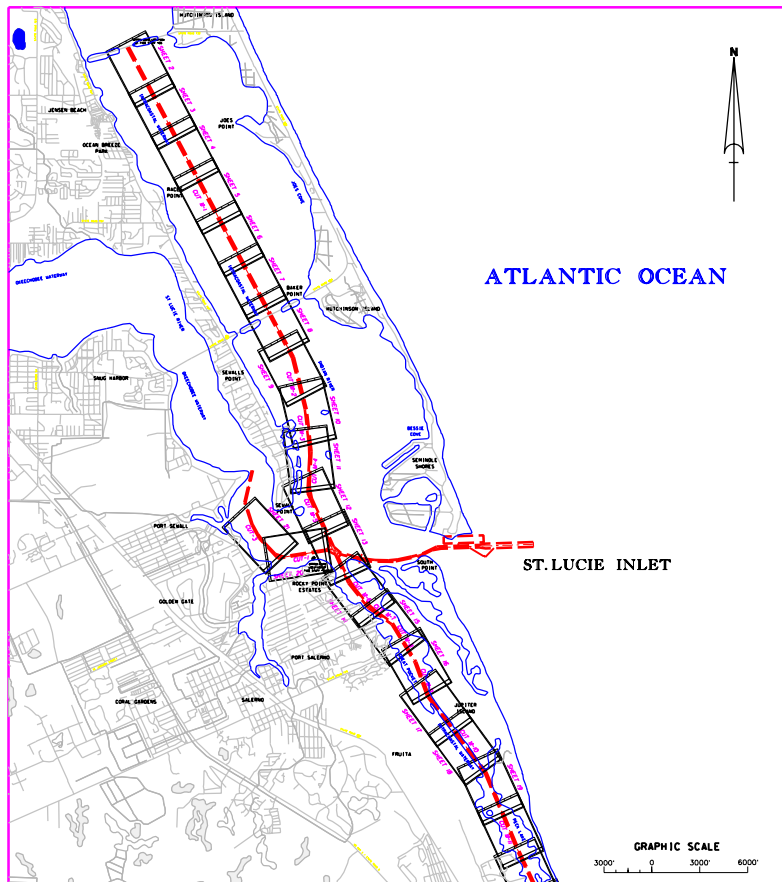
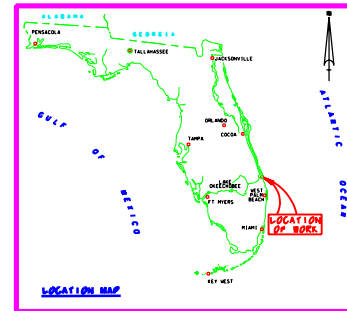
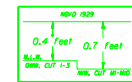


INTRACOASTAL WATERWAY VICINITY OF CROSSROADS IWW, CUTS M-4 THRU M-8 & OWW, CUTS 1-3 PROJECT CONDITION SURVEY



SURVEY NOTES:

1. REFER TO SURVEY NO. 01-166.
 2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (MLW). SEE TABLE BELOW FOR RELATIONSHIP BETWEEN NGVD29 AND MEAN LOW WATER.
 3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
 4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON A DOCK PILING IN THE VICINITY OF AND REFERENCED FROM BENCHMARK "IWW-35".
 5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
 6. ALL AZIMUTHS ARE GRID, RECKONED CLOCKWISE FROM SOUTH.
 7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
 8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ HIGH FREQUENCY TRANSDUCER.
- | VESSEL | DATE OF SURVEY | CUT |
|--------|-----------------|---|
| WB-32 | 06-07 JUNE 2001 | IWW, CUTS M-4 THRU M-8
OWW, CUTS 1-3 |
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
 10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
 11. SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 110-2-1003 FOR CLASS 1 HYDROGRAPHIC SURVEYS.



Relationship between NGVD 1929
and ODE Mean Low Water Tidal Datum

BENCHMARK	NGVD ELEV. (FT)
IWW-35	5.76

LEGEND	
+BM	BENCHMARK
▲	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
●	RED LIGHTED BUOY
●	GREEN LIGHTED BUOY
●	CAN BUOY
●	MIN BUOY
○	TIDE STAFF

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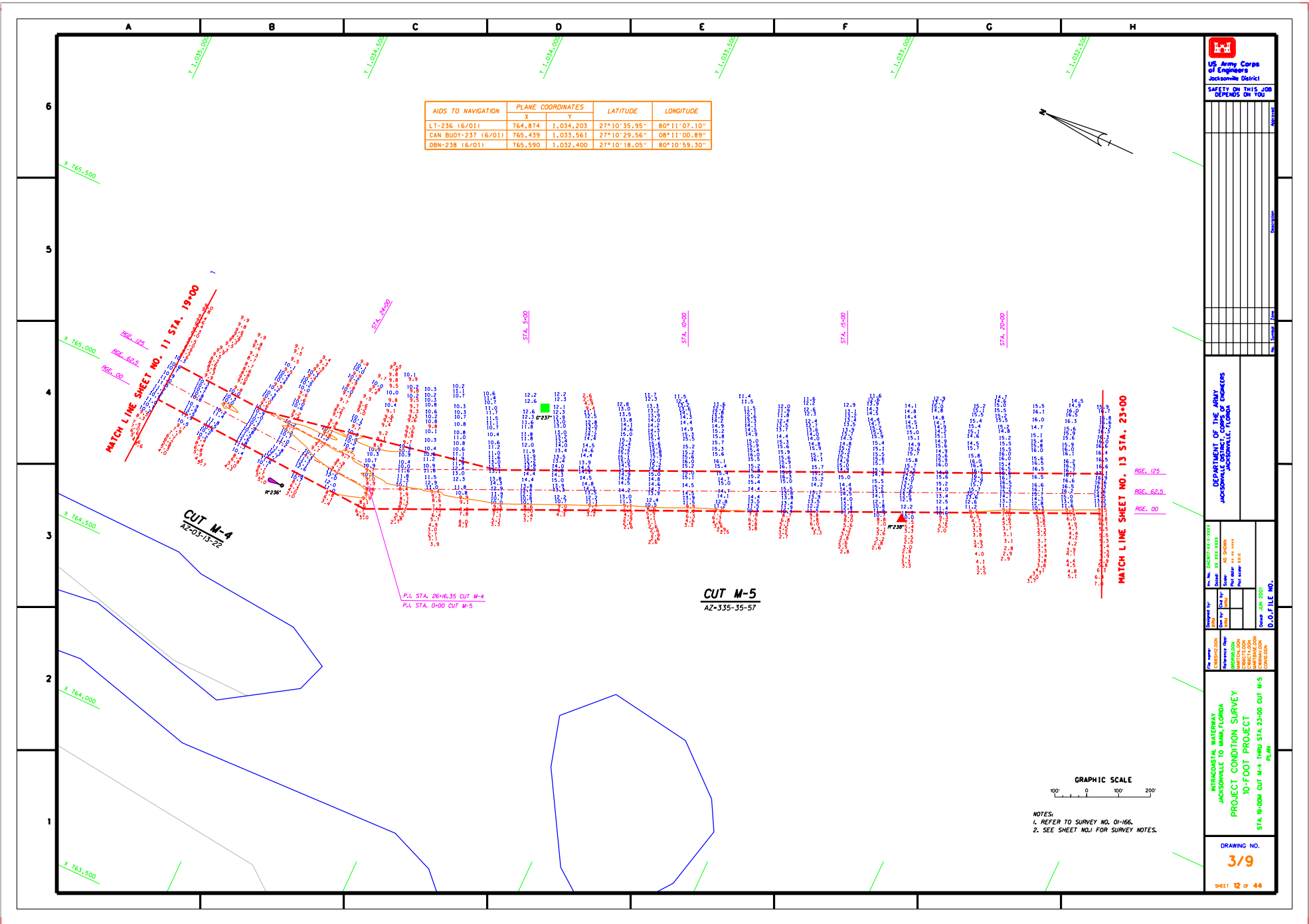
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DEPENDS ON YOU

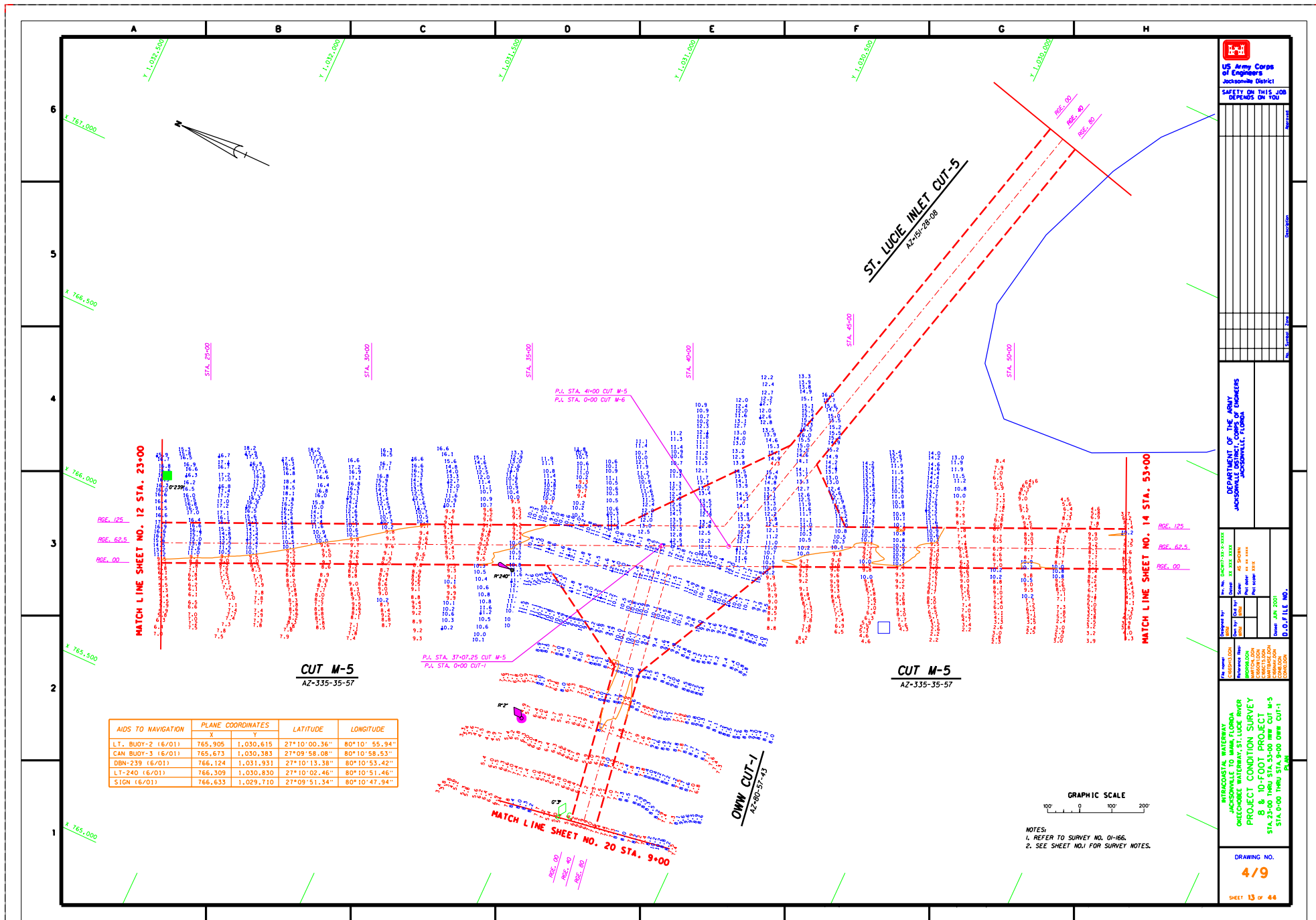
<p>DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA</p>	<p>PROJECT NO. 01-166</p> <p>PROJECT NAME: INTRACOASTAL WATERWAY, ST. LUCIE CANAL, PROJECTION CONDITION SURVEY, CUTS M-4 THRU M-8 AND OWW, CUTS 1-3</p> <p>DATE: JUN 2001</p> <p>D.O.F. FILE NO.</p>
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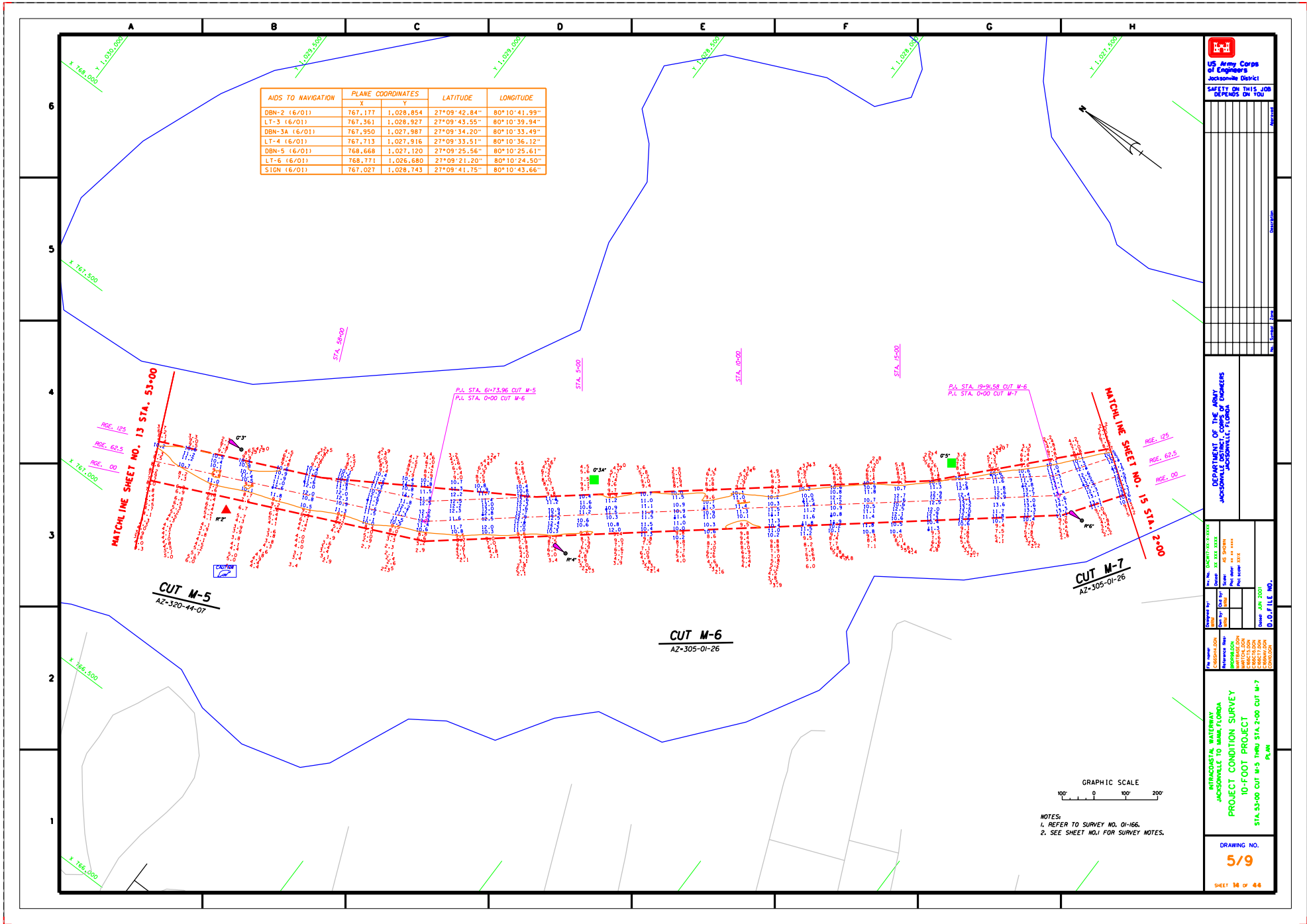
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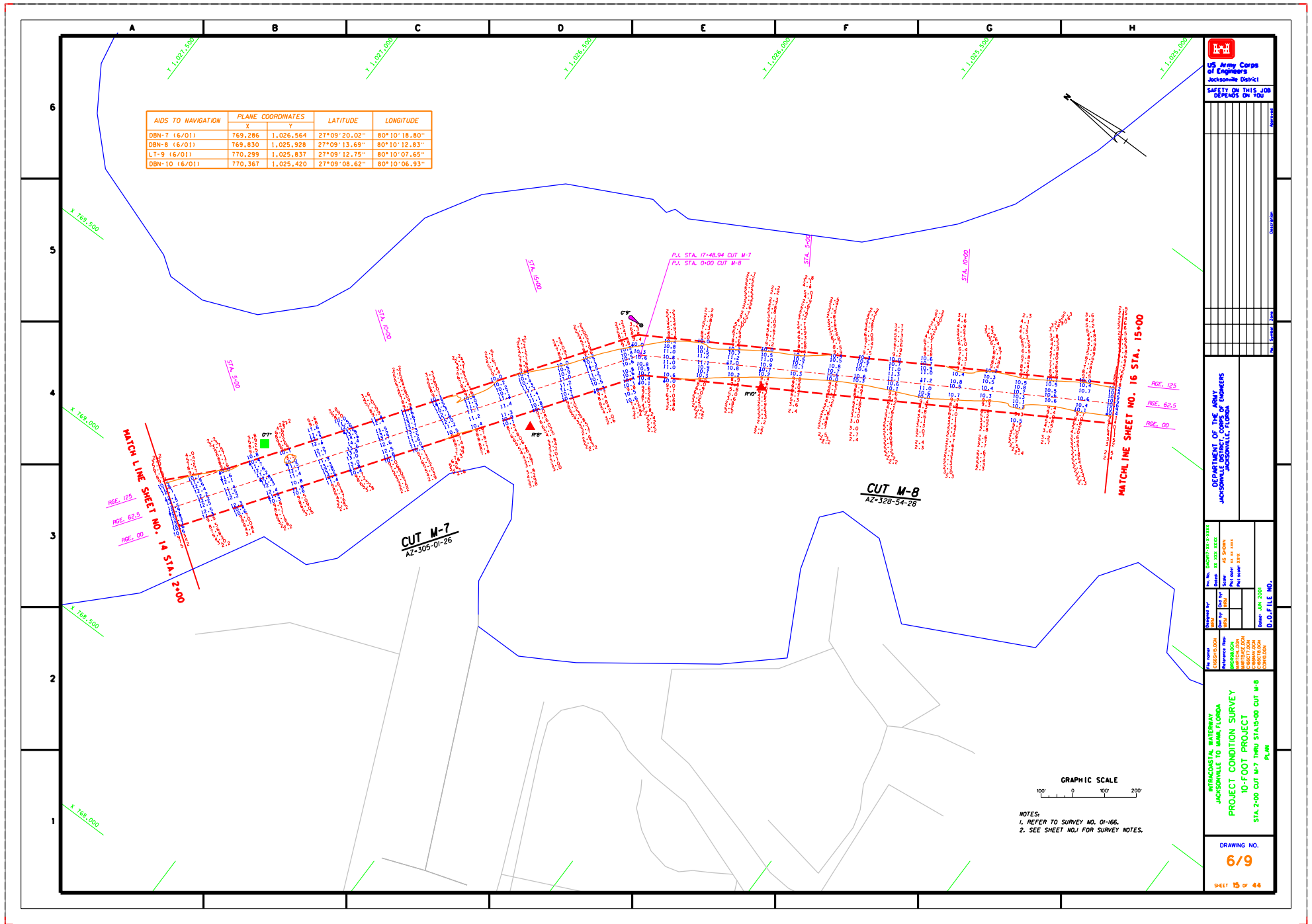
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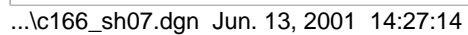
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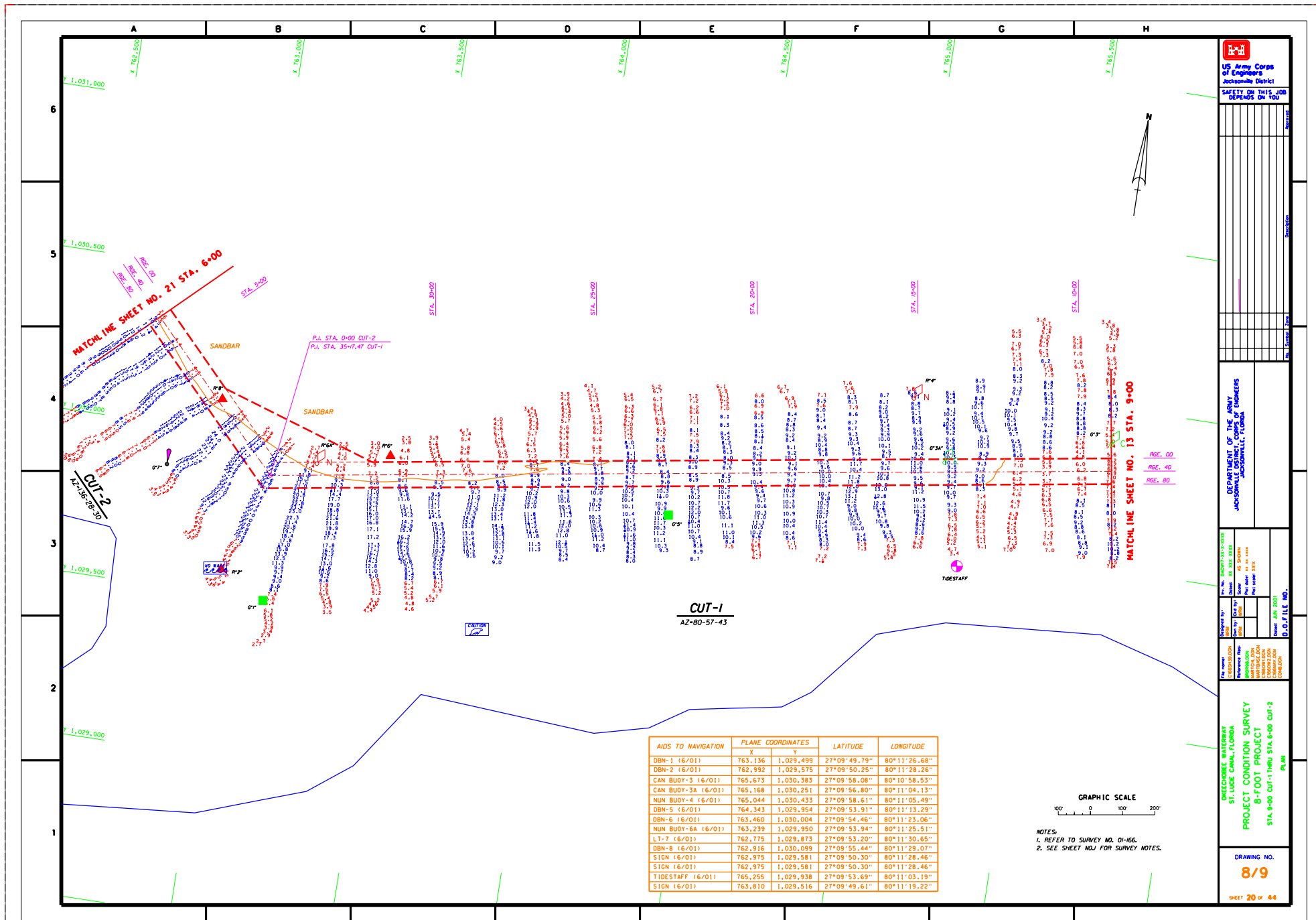












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DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PROJECT NO. 01-166
DRAWN BY: J. L. LEE
CHECKED BY: J. L. LEE
DATE: 06/13/01
SCALE: AS SHOWN
PLANT: 8-FOOT PROJECT
STA 9+00 CUT-1 thru STA 6+00 CUT-2

PROJECT NO. 01-166
DRAWN BY: J. L. LEE
CHECKED BY: J. L. LEE
DATE: 06/13/01
SCALE: AS SHOWN
PLANT: 8-FOOT PROJECT
STA 9+00 CUT-1 thru STA 6+00 CUT-2

DRAWING NO.
8/9
SHEET 20 OF 44

